

ABSTRACT OF THE DISCLOSURE

An evacuation use sample chamber is constituted by a top table 21 which is provided with a recessed portion disposed in a sample chamber main body 10 and for mounting a sample 8 and a groove portion surrounding the recessed portion; a stage 20 which holds the top table 21 and is displaceable in front and back, right and left and up and down directions together with the top table 21; a sample chamber cover 11 which covers above the sample chamber main body 10 including the top table 21; and an evacuation use pipe 21C which communicates with the groove portion and evacuates gas between the bottom face of the sample chamber cover 11 and the top face of the top table 21 including the sample 8. Thereby, an evacuation use sample chamber which performs a stable evacuation and keeps around a sample at a predetermined high vacuum and a circuit pattern forming apparatus which permits a highly accurate pattern drawing over the entire region of the sample are provided.